EXHIBIT A 210.8A

From John Plourde

After hearing that the letter I sent to the board was never read at the last meeting I was very concerned about what this board was doing.

I am sending more exhibits for the board and would expect them to be reviewed before the August 6 board meeting.

Exhibit A is 210.8(A) of the 2020 amendment to the NEC.

I did a public input for the 2020 NEC with other people to get this section in the NEC.

Because of the death of a plumber in Portsmouth the subcommittee thinks that was the only death. They are gravely mistaken.

I was online for less than 20 minutes and I found four electrocutions.

The 52 year plumber in Portsmouth (EXHIBIT 1) Electrocuted by an (EXHIHIB 2) electric range with the recall of 6300 Electric ranges. (EXHIBIT 3)

A 4-year-old girl was electrocuted by an electric dryer, she was getting her puppy out from behind the dryer. (EXHIBIT 4)

A 10-year-old girl was electrocuted by a clothes dryer while rescuing her cats from behind the electric dryer. (EXHIBIT 5)

A 10-year-old boy was electrocuted by a clothes dryer in an apartment building. (EXHIBIT 6)

Also, there are over 200 examples of shocks from electric ranges and dryers. (EXHIBIT 7-8-9-10-11-12-13)

The ELECTROCUTIONS ASSOCIATED WITH CONSUMER PRODUCTS (EXHIBIT14 page 2) 31 electrocutions on large household appliances. Page 8 is Product-related electrocutions per year. Page 8 large appliance from 2004 to 2013 electrocutions 67, and page 22 on age groups of electrocutions.

Exhibit 15-16-17-18 is about current flow across the human body.

Exhibit 19 is in regard to box stores wiring electric ranges and dryers. This photo shows the bonding strap does not connect to the frame of the dryer and if a fault occurs the breaker will not trip. If this was on a GFCI this would trip.

I feel the sub-committee picked this section due to cost not life safety.

The cost of saving a life for a few dollars. A 2 pole GFCI breaker is $145 subtract the 2 pole non GFCI breaker of $14 =$131 for a range breaker. 2 pole 30 GFCI breaker is $78 subtract non GFCI breaker of $14 =$64. (EXHIBIT-20) This is my price for the breakers not a contractor price which would be less. $195 for 2 breakers that could have saved at least 4 people from electrocution. Homeowners have no problem with hardwood floors, granite counter tops and other expensive upgrades in their homes. Do you think they will say no to safety in their homes for their kids?

I think this is a real life safety code section and I am proud of this amendment into the City of Portsmouth building code and adoption into the NEC.

How would this board feel if this passes and there is another electrocution by a range or dryer in NH that could have been prevented by GFCI protection?

I hope the board members have liability insurance.

John Plourde

NEW HAMPSHIRE STATE BUILDING CODE

PROPOSED AMENDMENT FORM

Proposed amendment submitted by:

Name: William D. Fraser

Date: 17 May 2021

Company /Organization: Building Code Review Board, NEC Subcommittee

Address: _____

Telephone: (603) 524-2769 E-mail: bfraser@geicorp.net

Applicable code: Applicable code section:

Select only one code: *IEBC-15* *IBC-15* *IRC-15* *IPC-15* *IMC-15* *IECC-15* *IEBC-15* ***NEC-20 (NFPA 70)***

Current language (including section numbers and include prior adopted amendments):

210.8(A) Dwelling Units.

All 125-volt through 250-volt receptacles installed in the locations specified in 210.8(A)(1) through (A)(11) and supplied by single-phase branch circuits rated 150 volts or less to ground shall have ground-fault circuit- interrupter protection for personnel.

(5) Basements

(11) Indoor Damp and Wet Locations

Check one: ___ Delete without substitution: ___ Add new section to read as follows:

___ Delete section and substitute the following: _X_ Revise section to read as follows:

~~Show Line through material to be deleted.~~ Underline material to be added.

Proposed code language:

All 125-volt, single phase, 15 and 20 ampere through 250-volt receptacles installed in the locations specified in 210.8(A)(1) through (A)~~(11)~~ 10 ~~and supplied by single-phase branch circuits rated 150 volts or less to~~ ground shall have ground-fault circuit- interrupter protection for personnel.

(5) Unfinished basements

~~(11) Indoor Damp and Wet Locations~~

Reason / Justification:

The code revision to article 210.8(A) and subsection (5) and (11) are an unnecessary expansion of the requirements for ground fault circuit interrupter protection for personnel. The requirement would mandate GFCI protection for:

- All ranges, ovens, built in appliances in kitchens within 6 feet of a sink
- All Dryers
- All specified receptacles in basements, finished or unfinished.
- All specified receptacles in an area subjectively determined to be damp or wet

Exhibit A - Amendment

Recall Details

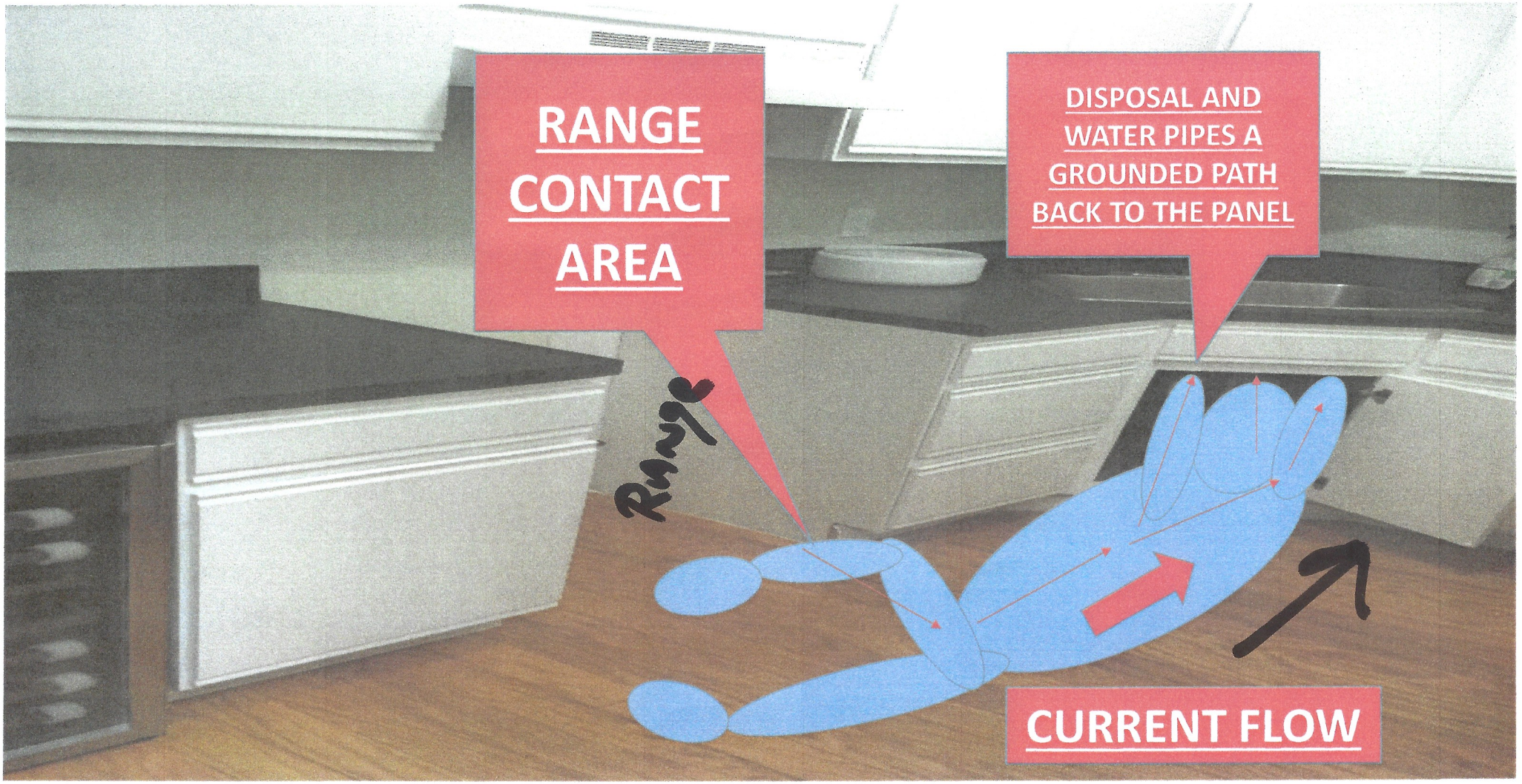
Description:

WASHINGTON, D.C. – The U.S. Consumer Product Safety Commission (CPSC), Arçelik A.S. of Turkey and Beko US, of Bolingbrook, Ill. are announcing the voluntary recall of about 6,300 Blomberg and Summit brand freestanding electric ranges. The electric ranges can become energized because a screw was not installed to secure the grounding strap during manufacturing, posing electric shock and electrocution hazards.

In August 2016, a 52-year-old professional plumber from Portsmouth, New Hampshire died from electrocution when he came in contact with an energized range and a grounded object.

This recall involves Blomberg BERU 24200 SS, BERU 24100 SS and Summit CLRE24 24-inch wide freestanding glass top electric ranges. The ranges were sold in stainless steel and black. A label on the lower frame of the range inside the over door has the brand name "Blomberg" or "Summit," the model name and number BERU 24200 SS, BERU 24100 SS or CLRE24 and a 10-digit serial number. Serial numbers included in the recall are:

Exhibit 1


RANGE CONTACT AREA
DISPOSAL AND WATER PIPES A GROUNDED PATH BACK TO THE PANEL
Range
CURRENT FLOW

EX H-5-1 8

Exhibit 3

- Home
- Testimonials
- Blog
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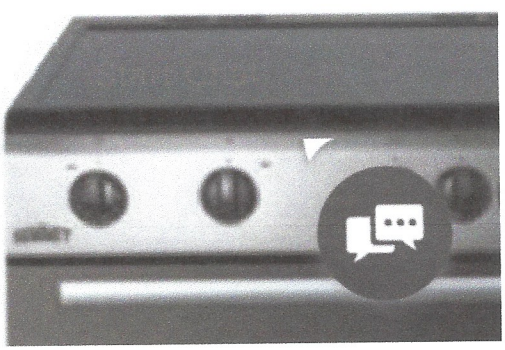
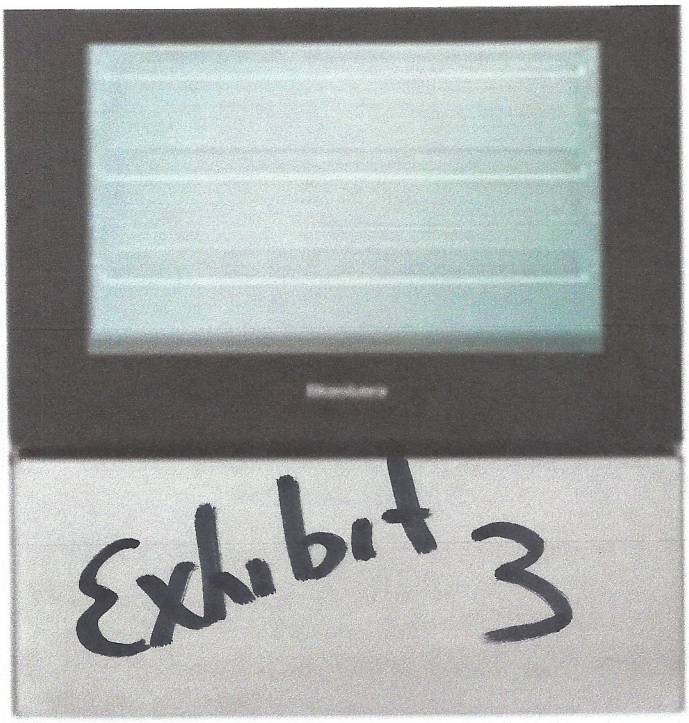
  Jeffrey H. Feldman
- Attorney Referrals
- Resources
  Electrocution In Water
- Electrical Safety Tips

6,300 electric ranges recalled after plumber is electrocuted

Written by Jeffrey Feldman. Posted on June 5, 2017 by Jeffrey Feldman

A manufacturing defect on the grounding strap can cause the stove to become energized, posing electric shock and electrocution hazards





Blomberg BERU 24100 SS

Summit CLRE2

As an electrocution lawyer, I usually write about downed power lines, utility pole decay and aging infrastructure, which have been the cause of most of the electrocution lawsuits that I've litigated over the past thirty years.

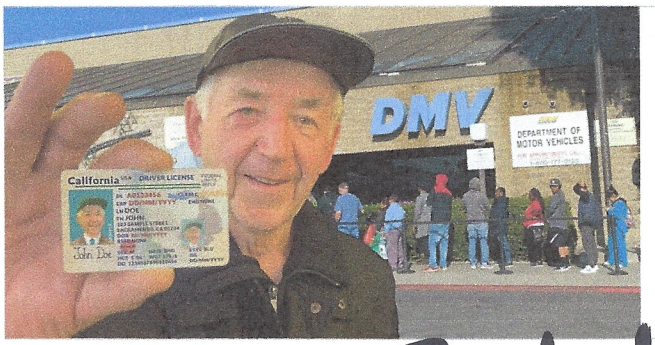
But there are significant electrocution and shock injury risks inside the home as well as outside the house. Appliances, like ovens, washers and dryers, and standalone dehumidifiers can all cause an electrocution as well.

One tragic recent example is a stove that caused a plumber to be electrocuted. I urge you to check whether your range is affected.

Electric ranges sold between October 2012 through March 2017

The recall is for approximately 6,300 Summit electric ranges, which the U.S. Consumer Product Safety Commission says can become energized, posing electric shock and electrocution hazards. The recall notice states that "a screw was not installed to secure the grounding strap during manufacturing, posing electric shock and electrocution hazards."

In August 2016, a professional plumber from Portsmouth, New Hampshire, was electrocuted when, while installing a dishwasher, he came in contact with one of the affected ranges and a grounded object.



New Hampshire DUIs Getting a P

Exhibit 4

yahoo/life

4-year-old girl electrocuted by dryer. Here's what parents need to know.

Korin Miller · **Writer**

October 8, 2018

Several children have died after being electrocuted by a dryer's faulty wires. (Photo: Getty Images)

A 4-year-old girl in Oklahoma has died after she was electrocuted by her family's clothes dryer.

Lily Minyard went behind the dryer while trying to get to a puppy that was stuck and was electrocuted when she touched a bare spot on an electrical wire that led to the dryer, officials told WAFF. She was taken to the hospital but could not be revived.

In the past few months, several other children have been electrocuted by dryers. Fernando Hernandez Jr., 10, of

TRENDING

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were open, and he was gone."

And Greenlee Buckley, 10, was also electrocuted by her family's dryer while trying to find some baby kittens that had gotten trapped behind the appliance. "There was enough electricity when I grabbed the dryer that it knocked me back," her father, Scott Hendrix, told ArkLaTex in Shreveport, La. "And, between adrenaline and panic, I grabbed the dryer out of the wall and got my little girl. She was already gone."

There are two main concerns with washers and dryers: electrocution and suffocation, Danelle Fisher, MD, chief of pediatrics at Providence Saint John's Health Center in Santa Monica, Calif., tells Yahoo Lifestyle. "Washers and dryers actually have some dangers affiliated with them that people don't always think of," she says. Not only can children be electrocuted by faulty wiring, but washer and dryer doors can also form a seal and close off a child's air supply if they're inside, Fisher notes.

"Front loaders are dangerous because the kids can climb inside," she says. "You really want to make sure kids aren't able to do that." If your dryer comes with a child safety lock, it's important to use it, Fisher says.

"You also want to make sure your machine is flush against the wall," she adds. "Also, have your washer and dryer regularly maintained. That's really important." When someone comes out to look at your machines, make sure the wires and vents are correctly adjusted and there is no exposed wiring, suggests Fisher.

Finally, it's important to talk to your kids about washer and dryer safety. "Kids should always be taught that washers and dryers are not toys," Fisher says. "They look like fun, and they want to try it, but laundry rooms should be an off-limits place — kids should not be playing in there."

You don't need to get into graphic details about what could happen to your child, but they do understand the simple phrase "You can get hurt," Fisher says. Ultimately, "it's incredibly important to make sure that parents reinforce to kids this is not a place to play," she says.

Read more from Yahoo Lifestyle:

NEW BOSTON, Texas — A 10-year-old girl was electrocuted while rescuing kittens from behind a clothes dryer, WTVD reported.

"She's a beautiful soul. She had more compassion in her at 10 years old than most adults do in their entire lifetime," her mother, Shelby Roos, told KSLA. "She loved her babies and she would do anything for them."

Exhibit 5

Exhibit 6

1 of 3

Police investigate the death of a 10-year-old boy who was hiding in a dryer inside an east Houston apartment complex laundry room Friday, April 27, 2018. The boy was found unresponsive in the communal laundry room of his apartment complex at the 12300 block of Fleming Drive around 5:45 p.m., police say.

A 10-year boy who died while hiding in a dryer in an east Houston apartment complex laundry room was electrocuted, authorities said Monday.

Officials with the Harris County Institute of Forensic Sciences identified the boy as Fernando Hernandez.

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Autopsy: Boy playing in dryer was electrocuted

Michela Garcia, Houston Chronicle

Updated: April 30, 2018 12:26 p.m.

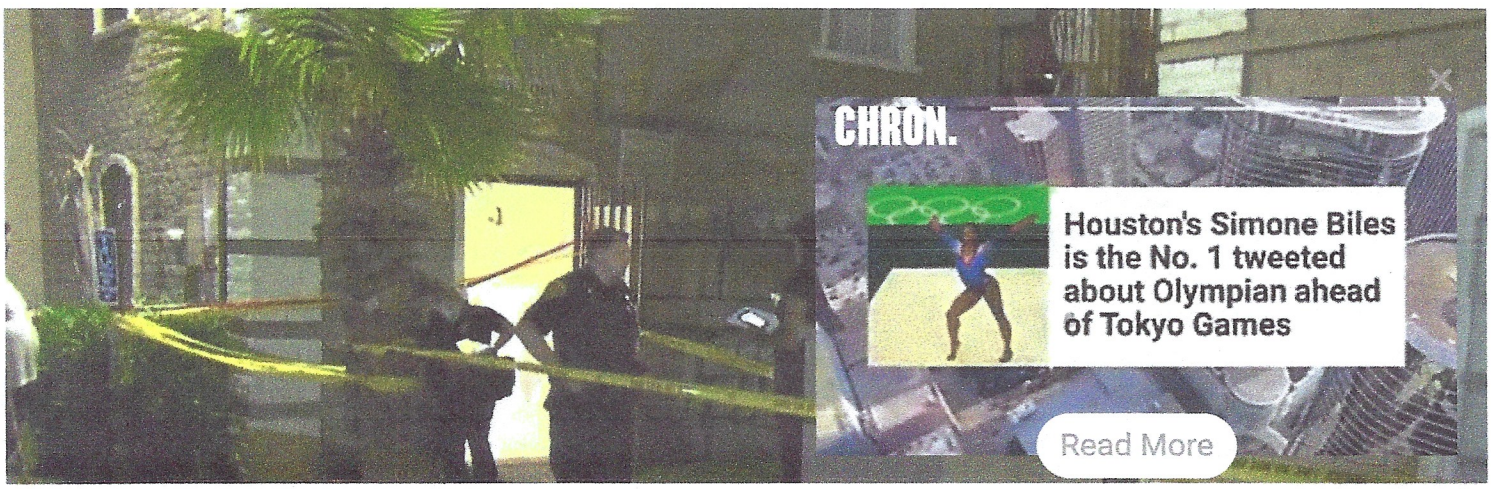

Exhibit 7

SOS PARTS

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Your appliances repaired in 3 clicks !

Are you looking for a part, an appliance, a brand ?

YOU'RE GETTING ELECTRIC SHOCKS FROM YOUR STOVE

For some time now, have you been getting an electric shock whenever you touch your electric hob? Feeling an electric shock when you touch an electric hob is most likely due to an insulation fault.
If there is a fault with the earthing of your appliance, the electric shock comes from the fact that you yourself are forming the link between the appliance and the ground, because your feet are touching the floor and the current is discharging via you, which can be very dangerous.
Please note that it is mandatory for all household appliances to be earthed. Learn all about current regulations in force.
It is therefore essential that you inspect your electrics. Discover the various factors that can cause this type of problem.

THE POSSIBLE CAUSES FOR THIS FAULT:

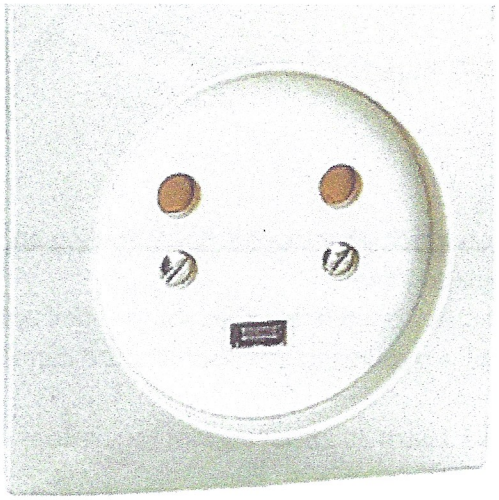
THE CONNECTION TO THE EARTH WIRE IS DEFECTIVE OR NON-EXISTENT

THERE IS ELECTRICAL LEAKAGE

ANOTHER APPLIANCE IS CAUSING THE ISSUE

WARNING
Before you do anything to your appliance, make sure you disconnect it from the power supply.
There is a risk of electric shock.
Wear suitable protective gloves if you need to dismantle anything.
There is a risk of getting cut or injured

Useful info
Although simply plugging a hob into an electrical outlet is enough to turn it on, hobs are not equipped with safety systems. They must therefore be connected to a secure circuit.



If your earth connection is not properly connected, then the current flowing through your hob's wiring will not be properly discharged. It will then pass along the active conductors, which explains any potential discharging. This issue may be due to many different causes:

- There is no earth connection (if your electrics do not comply with the standards in force), meaning you will need to set one up as soon as possible.
- There is an earth connection but it is not connected to the hob. You must then ask an electrician to see if there is any earthing for the hob and get them to connect it up properly. If there isn't an earth connection, you must get them to add one
- If the wiring connecting the hob to the earth connection is faulty, it is because it may have received a shock or may have been damaged by an external element. It then needs replacing.
- The earth wire is badly connected to the eletrical terminal block or is loose.
- The electrical terminal block may be damaged or burnt out (most of the time this is due to loose screws).

THERE IS ELECTRICAL LEAKAGE

Kenmore model 911.42474100 electric stovetop. My wife was cooking barefoot and got shocked twice when she touched a pot on the stove. More to add.

Report This

by James Grigsby
January 30th, 2017

Follow

We have a Kenmore model 911.42474100 electric stovetop. My wife was cooking barefoot a few nights ago and got shocked twice when she touched a stainless steel pot that was heating on one of the burners. After that, she used an insulated pot holder when she had to touch that pot. A little later, I used a digital voltmeter and found 3 Vac between the pot and ground. Things may have changed between when she got shocked and when I measured the voltage. I also may not have measured to a good ground.

Examining the stovetop more carefully the next day, I found that there was more than 200K ohms resistance between the range surface element receptacle support for the surface element that was involved in the shock and another range surface element support. This could allow the exterior of the range surface element to float electrically. I also found that the mounting screw for the applicable range surface element support was loose. This is not at all surprising as one does not think to check these screws very frequently and they experience loosening forces every time one removes the drip pans for cleaning. I also discovered that only one of the range surface element receptacle supports was directly grounded by a ground wire, and it was not the one associated with the shocks. I tightened all of the mounting screws but I wonder if it wouldn't be wise of me to also ground all of the range surface element receptacle supports.

If you agree that grounding all of the range surface element receptacle supports is a good idea, will #14 stranded wire be appropriate, if not, what size do you recommend? I am not an expert at judging wire size but the ground wire on the one grounded range surface element receptacle supports seems to be #14. I will swage loop or lug connectors to the ground wires that I add and connect all 4 of the range surface element receptacle supports together.

Am I correct that the range surface element consists of a heating element, I imagine a resistive element, covered with insulation and inside a metal tube that itself is covered with a coating that provides both protection and some insulation? A metal plate is swaged to the metal tube and I imagine this is used to ground the metal tube by being gripped by the range surface element receptacle support. I imagine that the coating of the metal tube of the range surface element breaks down with time, allowing some conductivity between the metal tube of the range surface element and the cooking utensil.

Is the insulation for the heating element inside the tube mineral insulation, similar to MI cable, or some other type of insulation? In either case, it would not be surprising for some electrical leakage to occur.

An interesting side note, I replaced one of the range surface elements, not the one involved in the shock, got it from Sears parts direct, last year. The exterior coating on that range surface element has already worn away in one small spot. It would appear that this particular range surface element has a local high spot which accelerated the wear and/ or the coating is not as wear resistant as it is on the much older original range surface elements.

Tags Kenmore , Ranges

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Answer this question

Exhibit 8

Didn't find what you are looking for? Ask a question

Related Questions

my stove Frigidaire give me the F90 message, I tried everything (unplugging it, turn off the circuit braker) where do I reset it from?
2 answers

Why am I getting the F5 error code when I tried to clean the oven in my Whirlpool 458 range?
4 answers

How do I convert my Kenmore Gas Range from Propane back to Natural gas. Model number - 75023102
11 answers

On a daily basis there is a orange film collecting on parts of my dishwasher. It is Kenmore 665.17539202. Owners manual gives no info on how to ...
11 answers

My Whirlpool gas oven will not ignite, but the stove top works.
8 answers

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Exhibit 9

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Laundry Room

Electric shock when touching washer and dryer simultaneously

Cyberspacer | 5 years ago

Just installed a stainless steel washer and dryer about 2 months ago. Miele W3035 washer and T8005 dryer. Occasionally when my finger/hand touches both simultaneously during laundry transfer from washer to dryer, I get a nasty electrical shock. This is not a single static shock, but a strong electrical shock as if I have put my finger in socket. They are both switched ON but not running.

The dryer is a 220V machine and the washer is a 120V. The machines are not in contact with each other. This is a replacement set for a previous white enamel Miele washer/dryer set that were both 220V.

They sit on laundry stands on a dry tile floor.

Can anyone here with offer a plausible explanation of what could be happening? I will contact their service department, but would like to get as much info possible as their service technician may not be profiecient with electrical issues. I have never heard this happen to anyone.

As a layman knowing only the simplest basics of electricity, I can only assume there is a bare wire touching the inside of the machines stainless steel that is causing connectivity when both machines are touch at the same time.

I had hoped the problem would go away, but a got a real zinger tonight when transferring clothes from washer to my dryer that made my hair stand up. Any feedback would be greatly appreciated.

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Comments (4)

Sort by: Oldest

rpsinfoman
5 years ago

There is a short in one of the appliances and not grounded properly. That needs checked my an electrician immediately. Shut the power off to those appliances sad DO NOT USE THEM until repaired!!

Like | 1 Save

maylingsmom
5 years ago

Please call an electrician. This doesn't sound right.

Like Save

More Discussions

- New Tide with Bleach powder — 12
- Exhaust fan in the laundry room with a window — 90
- New FL washer and powdered detergent: which brand washer? — 20
- Does anyone have a Samsung AirDresser? — 2
- Feedback on Samsung DV22N6800HW/AC heat pump dryer — 0

Related Discussions

Cleaning your Dryer Lint Trap - How often do you do it?
Comments (49)
I clean the 'easy' one every time I use the dryer. About once a month I use a long wand like flexible
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POLL: Turn off the lights when you leave a room?
Comments (118)
My apt is a 450 sqft 1BR in NYC. It is bright during the day, incl. the kitchen and bathroom, so I don't
See More

What unique kitchen feature or device do you have or want?
Comments (178)
can't use a taller fridge, the washer dryer might be cool. Has anyone out there had experience with
See More

POLL: How do you shop for appliances?
Comments (69)
I am a contractor and what I do is take appliances that have withstood the test of time, when
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Exhibit 10

smith02_gw
5 years ago
Probably floating ground in either the washer, dryer or wall. My bet is on the dryer as it went from 220 to 120 but I'm probably incorrect. Get an electrician to diagnose/correct before using.

Like | 1 Save

Marina M King
7 months ago
Just happened to me for the first time and I just bought these washer and dryer 3 days ago 😳 I'm so scared to touch them right now. I'm still catching my breath...

Like Save

Write a comment

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By Matt Clawson

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